MOTOTRBO™ RADIO ACCESSORIES

PERFORMANCE THAT LIVES UP TO ITS PROMISE

MOTOTRBO™ MAKE YOUR BUSINESS MORE EFFICIENT AND BETTER CONNECTED

TRANSFORM YOUR WORKPLACE WITH DIGITAL TECHNOLOGY.

Your people are on the job, in the field, on the factory floor, moving across campus or throughout the city. Whether they're moving freight or providing security, repairing roads or restoring power lines, you need to keep them all connected, everywhere they go.

How do you equip them with technology that is easy to use? Improve their performance and increase productivity? The answer is as simple, seamless and scalable as MOTOTRBO.

Our robust, future-ready, standards-based solution is so flexible and versatile, it can be customized to fit your unique business, coverage and application needs. MOTOTRBO is the complete business-essential solution with portable radios, mobile radios, repeaters, accessories, data applications and services.

THE DIGITAL DIFFERENCE

MOTOTRBO offers a robust, standards-based solution that can be tailored to meet your unique coverage and feature needs. This versatile portfolio provides a complete system of portable radios, mobile radios, repeaters, accessories, data applications, and services – a comprehensive communication solution for your business.

MOTOTRBO offers a multitude of features and benefits. TDMA digital technology provides twice the calling capacity (as compared to analog or FDMA radios) for the price of one frequency license. Integrated voice and data capabilities support integrated applications including MOTOTRBO Text Messaging Services and an integrated GPS module is included for use with your third-party location tracking applications. Also, Motorola's Application Developer Program accommodates custom data applications so that you can adapt radios to support your specific business tasks.

And digital voice processing plus enhanced call signaling can help to assure faster and more reliable calls. Other features such as enhanced battery life, IP57 immersibility for portables, and the ability to operate in both analog and digital modes make it easy and affordable to adapt MOTOTRBO for the unique needs of your operation, and migrate to a digital two-way radio platform at your own pace.

Whether you're working in harsh conditions, noisy environments, long shifts or looking for discreet communication, MOTOTRBO accessories and batteries stand up to the task and stand out in the field. We designed and developed a complete portfolio of solutions with this exclusive, leading-edge technology. Our accessories and batteries are specially designed to perform optimally with our portable and mobile radios.

MOTOTRBO PORTABLES

XPR 6550/6580 Display Portable Radios
XPR 6350/6380 Non-Display Portable Radios
XPR 6580 I.S. CSA Display Portable Radio (sold in Canada only)

MOTOTRBO MOBILES

XPR 4550/4580 Display Mobile Radios
XPR 4350/4380 Numeric Display Mobile Radios

MOTOTRBO REPEATERS

XPR 8300/8380/8400, MTR 3000 Repeater

HEAR CLEARER. TALK LONGER. WORK SMARTER WITH IMPRES™ TECHNOLOGY.

We created our patented IMPRES technology as an integral part of our two-way radio audio accessories, batteries and chargers. Users who rely on IMPRES Smart Audio and Smart Energy systems call them innovative and indispensable. We call IMPRES the intelligent way to communicate – offering enhanced performance and exceptional capabilities between your radio and accessories, your battery and charger, your workforce and workplace.

IMPRES SMART AUDIO ACCESSORIES

Our IMPRES Smart Audio is a Motorola-exclusive solution that provides exactly what businesses and agencies seek: two-way audio quality that's loud, clear and intelligible in digital and analog modes.

EXCEPTIONALLY CLEAR AUDIO

IMPRES audio accessories communicate with the radio to help suppress ambient noise, improve voice intelligibility and amplify loudness – even in noisy situations and difficult weather. So if you're a security officer with an IMPRES remote speaker microphone clipped to a lapel or a hospitality manager wearing an earpiece, you can carry on a conversation with clarity, simplicity and certainty.

STOP ADJUSTING VOLUME

Are your employees on surveillance and discreet conversation is expected? Trying to talk above the roar of the crowd in a stadium? When they need to speak quietly or at normal volume but not directly into the microphone, enhanced Audio Gain Capability (AGC) can make all the difference. This IMPRES feature detects changes in voice levels and automatically increases or decreases microphone gain so the receive end doesn't have to adjust volume levels repeatedly.

CUSTOMIZE TO YOUR WORKSTYLE

IMPRES accessory buttons can be programmed with "shortcuts" in addition to the programmable buttons available on your radio. You can use your accessory to access additional important features, such as private calls, with just a touch.

IMPRES SMART ENERGY SYSTEM

For the line worker on a long shift or the public works officer laboring overtime to restore power, the job stops when their radio stops operating. Our innovative IMPRES battery charging and reconditioning system streamlines and automates battery maintenance. It draws on our exclusive technology to communicate between your battery and charger to help lengthen battery life and extend talk time.

AUTOMATES BATTERY MAINTENANCE

You want to be sure you get the most out of every battery by maximizing its life. With IMPRES you can, because it automates battery maintenance. IMPRES integrates reconditioning capability into the charger along with the means to evaluate battery usage and determine the best time to recondition it. By automating maintenance, IMPRES optimizes your battery's life.

ELIMINATES OVERCHARGING

IMPRES batteries can be left in their IMPRES chargers for extended periods without heat damage from the charger. If radios are accidentally left in the charger – overnight, over a weekend or longer – there's no worry about shortening your battery's life. Because the IMPRES charger automatically monitors battery capacity batteries are safely charged to the right capacity and always ready to go.

BETTER DATA FOR BETTER DECISIONS

IMPRES batteries store critical usage information so you don't have to. Each two-line IMPRES charger display presents key data at a glance, so you can make informed decisions about battery replacement. Data includes key information such as: actual battery capacity, time remaining to complete charging, and each battery's unique serial number. If you're operating a large fleet of batteries, IMPRES battery data reader is a valuable diagnostic tool to evaluate individual IMPRES batteries. IMPRES Battery Fleet Management collects and consolidates that data automatically, so you can quickly and easily identify when batteries need to replaced.

EXTENDED WARRANTY

When you use MOTOTRBO™ IMPRES batteries exclusively with IMPRES chargers, you can count on an 18-month capacity warranty coverage – six months longer than Motorola standard batteries.

TESTED TOUGH AND PROVEN TOUGH

IMPRES or any other Motorola batteries are Proven Tough. Time after time, in lab test after test – for Drop, Vibration and ESD (Electrostatic Discharge) – they withstand shocks, knocks, drops and shakes and outperform the leading brands. If your radio gets banged on a ride, rattled by heavy equipment or shocked by static electricity, you can depend on IMPRES batteries to stay true and stand tough.

SPEAKER MICROPHONES

WINDPORTING REMOTE SPEAKER MICROPHONES

The windporting feature dramatically lessens background noise from high winds and other severe weather conditions. The same technology helps prevent water from clogging the microphone port and distorting transmit audio, ensuring a user's confidence of clear communication.

PMMN4024[1]
Remote Speaker Microphone with 3.5mm Audio Jack (IP54)

PMMN4025[1]
IMPRES Remote Speaker Microphone with 3.5mm Audio Jack and Emergency Button (IP54)

PMMN4040[1]
Remote Speaker Microphone, Submersible (IP57)

PMMN4046[1]
IMPRES Remote Speaker Microphone with Volume Control, Emergency and Programmable Button, Submersible (IP57)

PMMN4067[2]
IMPRES Remote Speaker Microphone (CSA and IP64)

NOISE-CANCELLING REMOTE SPEAKER MICROPHONE

This remote speaker microphone features a noise cancelling directional microphone which helps eliminate ambient noise and is beneficial in high noise environments. It also has a large housing for users operating with gloves or in rugged environments.

PMMN4050[1]
IMPRES Remote Speaker Microphone with 3.5mm Audio Jack (IP54)

IMPRES PUBLIC SAFETY MICROPHONES (PSM)

All PSMs include an emergency button and volume control. The PSM Antenna is sold separately and are listed in the antenna section of this catalog. PSMs are not compatible with the XPR 6380 and XPR 6580.

PMMN4041[1]
IMPRES Public Safety Microphone (30 inch cable) with 3.5mm Audio Jack
PMMN4042[1]
IMPRES Public Safety Microphone (24 inch cable) with 3.5mm Audio Jack
PMMN4043[1]
IMPRES Public Safety Microphone (18 inch cable) with 3.5mm Audio Jack

PMMN4047[1]
IMPRES Public Safety Microphone (30 inch cable), Submersible (IP57)
PMMN4048[1]
IMPRES Public Safety Microphone (24 inch cable), Submersible (IP57)
PMMN4049[1]
IMPRES Public Safety Microphone (18 inch cable), Submersible (IP57)

RSM AND PSM ACCESSORIES

These accessories allow users to receive audio discreetly. Any of the above microphones that have a 3.5mm audio jack are compatible with the following earpieces:

AARLN4885[1]
Receive-Only Covered Earbud with Coiled Cord

RLN4941[1]
Receive-Only Earpiece with Translucent Tube and Rubber Eartip

WADN4190
Receive-Only Flexible Earpiece

PMLN4620[1]
Receive-Only D-Shell Earpiece

[1] Intrinsically Safe: Motorola approved accessories are a critical part of the specific radio and accessory system certified by a recognized testing organization as intrinsically safe. Non-Motorola approved accessories are not certified as part of the overall Motorola MOTOTRBO System. Use of non-Motorola approved accessories could result in equipment that is unapproved or unsafe in a hazardous environment.

[2] PMMN4067 when connected with a XPR 6580 I.S. radio model and properly equipped with the battery NNTN7789 is certified for permitted use for Ex ib IIC T4, Class II, Groups E, F, G and Class III, and DIP A21 TA 110° C. PMMN4067 is sold in Canada only.

SURVEILLANCE AUDIO

RECEIVE-ONLY SURVEILLANCE KITS

Simple, cost-effective solution when discreet communications is needed. Privately receive messages with the earpiece.

RLN5878[1]
Receive-Only Earpiece, black
RLN5879[1]
Receive-Only Earpiece, beige

IMPRES 2-WIRE AND 3-WIRE SURVEILLANCE KITS

Allows you to both transmit and receive discreet communications.
All kits include one programmable-button for quick and easy access to critical radio features.

2-Wire kits include one wire for receiving and one wire for the microphone.

3-Wire kits include one wire for receiving, one wire for the microphone and one wire for the push-to-talk.

RLN5880[1]
IMPRES 2-Wire Surveillance Kit, black
RLN5881[1]
IMPRES 2-Wire Surveillance Kit, beige

RLN5882[1]
IMPRES 2-Wire Surveillance Kit with Translucent Tube, black
RLN5883[1]
IMPRES 2-Wire Surveillance Kit with Translucent Tube, beige

PMLN5097[1]
IMPRES 3-Wire Surveillance Kit, black
PMLN5106[1]
IMPRES 3-Wire Surveillance Kit, beige

PMLN5111[1]
IMPRES 3-Wire Surveillance Kit with Translucent Tube, black
PMLN5112[1]
IMPRES 3-Wire Surveillance Kit with Translucent Tube, beige

NOISE KITS

Provide extra comfort and noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to the surveillance accessory to provide flexibility and comfort, while clothing clip prevents accessory from being pulled from the ear. For optimal performance, extra loud earphones are recommended for noise kits.

RLN5886
Low Noise Kit, includes 1 clear rubber eartip. For low-noise environments (does not provide hearing protection)

RLN5887
Extreme Noise Kit, includes 2 foam earplugs. For high-noise environments (Noise Reduction = 24dB)

REPLACEMENT ACCESSORIES

5080384F72
Replacement Foam Plugs for RLN5887 Noise reduction = 24dB. Pack of 50.

RLN6282
Replacement Standard Clear Rubber Eartips. Pack of 50.

CLEAR COMFORTABLE EARPIECES

The Clear Comfortable Earpiece forms to the inside of the ear and is perfect for low noise environments. It's made of easy-to-clean, chemically-inert, hypo-allergenic material. Compatible with all Motorola Noise and Surveillance Kits.

RLN4760
Small Custom Earpiece - Right Ear
RLN4761
Medium Custom Earpiece - Right Ear
RLN4762
Large Custom Earpiece - Right Ear
RLN4763
Small Custom Earpiece - Left Ear
RLN4764
Medium Custom Earpiece - Left Ear
RLN4765
Large Custom Earpiece - Left Ear

IMPRES TEMPLE TRANSDUCER

This headset allows you to receive audio without covering the ear, allowing users to have their ears open to all external sounds such as warning and fire alarms, machinery and outside traffic. You can also wear hearing protection and still use this Temple Transducer since you are hearing through bone vibrations on your temple.

PMLN5101[1]
IMPRES Temple Transducer with boom microphone and in-line push-to-talk button

HEAVY DUTY HEADSET

Designed for rugged use in noisy environments where hearing protection is required. This dual-muff headset includes flexible noise-canceling boom microphone with a push-to-talk switch located on the earcup. This can be worn with or without a helmet.

PMLN5275[1]
Heavy Duty Headset,
Noise Reduction = 24dB

LIGHTWEIGHT HEADSET

Provides high-clarity, hands-free discreet two-way communication, while maintaining the comfort necessary for extended wear in moderate noise environments. This single-muff adjustable headset comes with rotating boom microphone for left or right positioning. Includes an in-line push-to-talk button.

RMN5058[1]
Lightweight Headset, over-the-head, single-muff with in-line push-to-talk

PMLN5102[1]
Ultra-Lite Headset, Behind-the-Head Single-Muff, Adjustable with In-Line push-to-talk

PMLN5096[1]
D-Style Earset with In-Line push-to-talk

OPERATIONS CRITICAL WIRELESS

Ruggedly reliable and Bluetooth® compatible, our progressive portfolio ranges from lightweight, high-performing earpieces to a wireless push-to-talk (PTT) you can put in a pocket and link to any earpiece.

PMLN5712
Operations Critical Wireless Adapter. Must be attached to the MOTOTRBO Accessory connector to operate a wireless accessory.

NNTN8125
Operations Critical Wireless Earpiece with 12 inch cable. Includes micro USB charger.

NNTN8126
Operations Critical Wireless Earpiece with 9.5 inch cable. Includes micro USB charger.

89409N
HK200 Bluetooth Earpiece

NNTN8127
Wireless Push-to-Talk Pod. This pod is compatible with any wireless Bluetooth headset and provides wireless Push-to-Talk functionality. Also comes with a micro USB charger.

NTN2572
Replacement Wireless Earpiece, 12 inch cable

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HEADSETS

NTN2575
Replacement Wireless Earpiece, 9.5 Inch Cord

IMPRES EAR MICROPHONE

Lightweight earpiece that picks up sound through bone vibration. A built-in bone conduction microphone and receiver eliminate the need for a boom microphone. A programmable button is available for quick access to radio features.

PMLN5653
IMPRES Ear Microphone with large protected ring around push-to-talk

CARRY ACCESSORIES

CARRY CASES

Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Belt loop and nylon cases feature "D" rings that allow the cases to be attached to a carrying strap. Swivel model cases secure to a belt loop and allow the case to swing freely from side to side. The swivel latch system also allows the radio and case to be removed from the belt loop by simply inverting the case and lifting it up and out of the belt loop.

MOTOTRBO WITH DISPLAY

PMLN5015
Nylon Case with 3 Inch Fixed Belt Loop

PMLN5021
Hard Leather Case with 3 Inch Fixed Belt Loop

PMLN5019
Hard Leather Case with 2.5 Inch Swivel Belt Loop

PMLN5020
Hard Leather Case with 3 Inch Swivel Belt Loop

NON-DISPLAY MOTOTRBO

PMLN5024
Nylon case with 3 Inch fixed belt loop

PMLN5030
Hard Leather Case with 3 Inch Fixed Belt Loop

MOTOTRBO CSA CARRYING CASES

PMLN5028
Hard Leather Case with 2.5 Inch Swivel Belt Loop

PMLN5029
Hard Leather Case with 3 Inch Swivel Belt Loop

PMLN5606[2]
Hard Leather Case with 3 Inch Swivel Belt Loop for Display Models

PMLN5608[2]
Hard Leather Case with 3 Inch Swivel Belt Loop for Non-Display Models

PMLN5607[2]
Soft Leather Case with 3 Inch Swivel Belt Loop for Display Models

PMLN5609[2]
Soft Leather Case with 3 Inch Swivel Belt Loop for Non-Display Models

CARRY ACCESSORIES

BELT LOOPS AND BELTS

PMLN5022
2.5 Inch Leather Swivel Belt Loop

PMLN5023
3 Inch Leather Swivel Belt Loop

PMLN5610[2]
2.5 Inch Leather Swivel Belt Loop (CSA)

4200865599
1.75 Inch Wide Leather Belt

BELT CLIPS

PMLN4651
Spring Action 2 Inch Belt Clip

PMLN4652
Spring Action 2.5 Inch Belt Clip

PMLN5134[2]
Spring Action 2.5 Inch Belt Clip (CSA)

CARRYING STRAP

Adjustable, Black Nylon Carrying Strap. Attaches to D-ring on cases.

WATERPROOF BAG AND MORE

HLN9985
Waterproof Bag with Large Strap

RLN4295
Small Clip, Epaulet Strap

1505596Z02
Replacement Strap for HLN6602 and RLN4570

BREAK-AWAY CHEST PACK

All the features of the original Universal Chest Pack (HLN6602) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.

RLN4570
Break-a-Way Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch

CARRY PACKS

UNIVERSAL CHEST PACK

Motorola Original Universal Chest Pack protects the radio and provides the freedom from holding it during standby communication mode. The Motorola Universal Chest Pack fits any radio.

HLN6602
Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch

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[2] Carry Cases PMLN5606, PMLN5608, PMLN5607 and PMLN5609 when used with a XPR 6580 I.S. radio model and properly equipped with the battery NNTN7789 is certified for permitted use for Ex ib IIC T4, Class II, Groups E, F, G and Class III, and DIP A21 TA 110° C. These carry cases are sold in Canada only.

CARRY PACKS

RADIOPAK™

The RadioPAk is lightweight and comfortable. Worn around the waist, it keeps radios and phones at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits both men and women.

RLN4815
RadioPAk Radio Utility Case

4280384F89
RadioPAk Extension Belt for waists larger than 40 inches

BATTERIES

IMPRES BATTERIES

You want to be sure to get the most out of every battery by maximizing its life. With IMPRES you can, because it automates battery reconditioning, adapting the intervals to each battery's usage pattern.

PMNN4066
IMPRES Li-Ion 1500 mAh, Submersible Battery - IP57 Rating

PMNN4069[1]
IMPRES Li-Ion 1400 mAh, Submersible Battery - IP57 Rating, Intrinsically Safe (FM)

PMNN4077
IMPRES Li-Ion 2150 mAh, Submersible Battery - IP57 Rating

NNTN7789[2]
IMPRES Li-Ion 1750 mAh Submersible Battery - IP57 Rating, Intrinsically Safe (CSA)

MOTOROLA ORIGINAL BATTERY

This battery is ruggedly designed for lasting durability and is system tested with Motorola two-way radios to ensure optimum performance. NiMH chemistry offers an attractive combination of capacity, weight and cost.

PMNN4065
NiMH 1300 mAh, Submersible Battery - IP57 Rating

CHARGERS

IMPRES CHARGERS

This smart energy system automatically reconditions IMPRES batteries based on actual usage, keeping them in peak condition. Talk-time and cycle life are optimized and the need for manual maintenance programs is eliminated. Its advanced conditioning features allow batteries to be safely left on the charger for extended periods of time without incurring damaging heat build-up which can decrease battery cycle life. In addition, batteries left in the charger are kept fully charged so they are always ready when needed. This rapid-rate, tri-chemistry charging system will also charge compatible non-IMPRES batteries.

WPLN4232
IMPRES Single-Unit Charger, 120 Volt

WPLN4212
IMPRES Multi-Unit Charger, 120 Volt

NLN7967
Wall Mount for Multi-Unit Chargers

IMPRES MULTI-UNIT CHARGER WITH DISPLAY

Charger Displays provide powerful, "real time" information for IMPRES batteries, including current charge status, battery mAh, and voltage. Readout displays battery kit number, serial number and chemistry. 120 Volt.

WPLN4219
IMPRES Multi-Unit Charger with Displays

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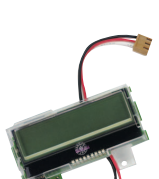
[2] XPR 6580 I.S. radio models, when properly equipped with the battery NNTN7789 are certified for permitted use for Ex ib IIC T4, Class II, Groups E, F, G, and Class III, and DIP A21 TA 110° C. This battery is sold in Canada only.

CHARGERS

IMPRES INDIVIDUAL CHARGER DISPLAY MODULE

This module is compatible with the standard IMPRES Multi-Unit Chargers. Up to 6 modules can be used per charger, one for each charging pocket. Includes detailed installation instructions.



RLN5382
Display Module for IMPRES Multi-Unit Charger (WPLN4212)

IMPRES COMPATIBLE VEHICULAR CHARGER

This charger has a full IMPRES charger to battery communication capability. This ensures continuity of IMPRES battery charge data logging in a vehicular environment, so the IMPRES battery will receive adaptive automatic reconditioning and will qualify for the 6-month capacity warranty extension.

NNTN7616
IMPRES Compatible Vehicular Charger

MOTOROLA TRAVEL CHARGER

Its small compact design allows the radio to be used while rapid charging in the charger base. Unit includes a voltage regulated vehicular charger adapter, custom charger base, mounting bracket and coil cord.

RLN6433
Motorola Travel Charger

IMPRES BATTERY FLEET MANAGEMENT SOFTWARE

The industry exclusive IMPRES Battery Fleet Management software remotely downloads key IMPRES battery data through existing IMPRES chargers for more effective management of the IMPRES battery and charger fleet. These reports provide key battery and charger data such as when IMPRES batteries are nearing end of life, identifying lost batteries and ensuring IMPRES chargers are appropriately distributed and use is maximized.

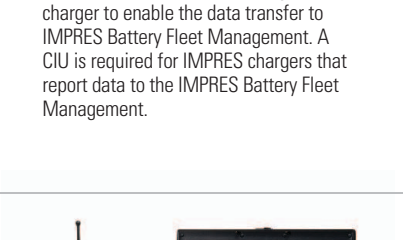
NNTN7676
IMPRES Battery Fleet Management Software

NNTN7677
Multi-Unit Charger Interface Unit, attaches to an APX, XTS, MOTOTRBO and Professional Series IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management.

NNTN8045
Single-Unit Charger Interface Unit , attaches to an APX, MOTOTRBO and Professional Series IMPRES single-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to the IMPRES Battery Fleet Management.

IMPRES BATTERY READER

The industry exclusive IMPRES Battery Reader provides IMPRES battery users the ability to access charging, reconditioning and key usage data that can affect overall battery performance. By keeping batteries in peak condition, talk time and cycle life are optimized, reducing battery replacement. Package includes IMPRES Battery Reader (fits XTS batteries), System Software, USB Cord, Adapter inserts for APX, MOTOTRBO and Professional Series radios.



NNTN7392
IMPRES Battery Reader

PORTABLE ANTENNAS

COMBINATION GPS/ UHF ANTENNAS

Optimum length antenna designed for higher gain to maximize range. This rugged, capless design provides maximum flexibility and built in capability to operate at GPS frequencies.

PMAE4018[1]
Combination GPS/UHF - 403-433 MHz, 14 cm Folded Monopole

PMAE4024[1]
Combination GPS/UHF - 430-470 MHz, 14 cm Folded Monopole

PMAE4050[1]
Combination GPS/UHF - 450-495 MHz, 14 cm Folded Monopole

PMAE4051[1]
Combination GPS/UHF - 495-527 MHz, 14 cm Folded Monopole

COMBINATION GPS/ VHF ANTENNAS

PMAD4067[1]
Combination GPS/VHF - 136-147 MHz, 17 cm Helical

PMAD4068[1]
Combination GPS/VHF - 147-160 MHz, 17 cm Helical

PMAD4069[1]
Combination GPS/VHF - 160-174 MHz, 17 cm Helical

COMBINATION GPS 800/900 MHZ ANTENNA

PMAF4003[1]
Combination GPS 800/900 MHz - 806-941 MHz, 18 cm, Helical

FLEXIBLE WHIP ANTENNAS

Flexible Whip Antennas have a one-piece finish, steel core, and spiral wound conductor for optimal radiation characteristics.

PMAE4022[1]
UHF - 403-470 MHz, 16 cm Flexible Whip

PMAE4049[1]
UHF - 450-527 MHz, 16 cm Flexible Whip

PMAD4088[1]
VHF - 136-174 MHz, 21 cm Wideband

STUBBY ANTENNAS

Stubby antennas are ideal when the radio is worn on the belt because they are short and non-obtrusive. These rugged, helical antennas feature a capless sheath that allows for maximum flexibility.

PMAE4021[1]
Combination GPS/UHF - 403-433 MHz, 9 cm Stubby

PMAE4023[1]
Combination GPS/UHF - 430-470 MHz, 9 cm Stubby

PMAE4048[1, 2]
Combination GPS/UHF - 450-527 MHz, 9 cm Stubby

PMAD4093[1]
VHF - 136-147 MHz, 11 cm Stubby

PMAD4094[1]
VHF - 147-160 MHz, 11 cm Stubby

PMAD4095[1]
VHF - 160-174 MHz, 11 cm Stubby

PUBLIC SAFETY MICROPHONE ANTENNAS

One of the following antennas must be purchased with Public Safety Microphones.

PMAE4046[1]
UHF - 403-433 MHz, 9 cm PSM Stubby

PMAE4047[1]
UHF - 430-470 MHz, 9 cm PSM Stubby

PMAD4086[1]
VHF - 150-174 MHz, 16 cm PSM

PMAD4087[1]
VHF - 136-153 MHz, 16 cm PSM

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[2] Also a Public Safety Microphone antenna.

MOBILE AUDIO

STANDARD COMPACT MICROPHONE

Standard Compact Microphone provides basic push-to-talk functionality and ships with all MOTOTRBO mobile radios.

RMN5052
Standard Compact Microphone

IMPRES KEYPAD MICROPHONE

IMPRES Keypad Microphone includes a full keypad that enables you to dial phone numbers from the microphone, also has three customizable buttons that can be programmed with any of the control head features, allowing the user to navigate radio menus from the microphone.

RMN5065
IMPRES Keypad Microphone

IMPRES HEAVY-DUTY MICROPHONE

Heavy-Duty Microphone for users who want more durability, also ideal for those who need a larger microphone that is easier to handle when wearing gloves.

RMN5053
IMPRES Heavy-Duty Microphone

IMPRES TELEPHONE STYLE HANDSET

This Telephone Style handset provides a flexible, discreet option when using the mobile for private conversations in a vehicular environment. Includes a full keypad that enables you to dial phone numbers or send text messages.

HMN4098
IMPRES Telephone Style Handset

MOBILE MICROPHONE ACCESSORIES

MICROPHONE EXTENSION CABLES

10-foot Mobile Microphone Extension Cable
20-foot Mobile Microphone Extension Cable

MICROPHONE HANG-UP CLIPS

HLN9073
Microphone Hang-Up Clip

HLN9414
Universal Microphone Hang-Up Clip

HANDS-FREE ACCESSORIES

IMPRES VISOR MICROPHONE

Add even more convenience and safety with the IMPRES Visor Microphone and its compatible hands-free transmission options. Small microphone mounts to vehicle's visor for convenient hands-free radio operation. Use with choice of external push-to-talk switch.

RMN5054
IMPRES Visor Microphone

EXTERNAL PTT ACCESSORIES

RLN5926
Pushbutton with Push-to-Talk. Can be held in the hand, or mounted to the vehicle with touch fasteners.

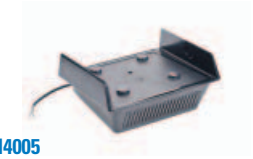
RLN5929
Emergency Footswitch

CONTROL STATION AND MOUNTING

CONTROL STATION ACCESSORIES

These control station accessories allow you to convert MOTOTRBO mobile two-way radios into convenient base stations.

RMN5050
Desktop Microphone. Black.
Makes transmission easier for base station users, as the mobile microphone does not always have to be picked up. Large push-to-talk button.



RSN4005
Desktop Tray with Speaker.
Ideal for securing mobile in place in a desktop environment. Includes speaker for increased volume when receiving calls in high-noise areas.

HKN9088
Adapter Cable for Control Station

POWER ACCESSORIES

GLN7318
Desktop Tray without Speaker.
Ideal for securing mobile in place in a desktop environment.

HPN4007
Power Supply, 25-60W, for low power radios. Power cord included.

GPN6145
Switchmode Power Supply, 1-25W has provision for back-up battery hook-up.

GKN6266
Power Supply Cable
Power Cable for Switchmode Power Supply GPN6145

EXTERNAL LOUD SPEAKERS

RSN4002
13W External Speaker

RSN4003
7.5W External Speaker

RSN4004
5W External Speaker

MOUNTING BRACKETS

Mobile radios are most often installed on the dash of a vehicle, and can run off its power source.

RLN6077
Low Profile Trunnion Kit. Keeps radio tucked up under dash, can also be positioned for floor mount.

RLN6078
High Profile Trunnion Kit. Under dash mount, with extra clearance so radio can be tilted for a better view. Can also be used for floor mounting.

RLN6079
Key Lock Trunnion Kit. Key lock helps provide extra protection from theft. Lock/unlock radio from position in the mounting bracket.

DIRECT IN DASHBOARD MOUNTING KIT

Ideal if you prefer to mount the radio directly into the dash-board for a better appearance, or to keep it from being an obstruction in the vehicle.

RLN5933
In Dash Mounting Kit - DIN

REMOTE MOUNTING ACCESSORIES

Remote mounting capabilities allow you to save cabin space or hide the mobile power supply in the trunk.

PMLN5404
MOTOTRBO Mobile Remote Mount Adaptor Kit. For in-trunk installation, may also require HKN4192. 20 inch radio power cable. Remote Mount cable also required (PMKN4074 or PMKN4073).

CONTROL STATION AND MOUNTING

PMKN4073
MOTOTRBO Mobile Remote Mount 5 Meter Cable Kit

PMKN4074
MOTOTRBO Mobile Remote Mount 3 Meter Cable Kit

PMKN4018
Mobile Rear Accessory Connector Universal Cable

CABLES TO BATTERY

Cables used to connect the battery to the radio chassis.

HKN4137
Power Cable to Battery 10 foot, 15 amp

HKN4192
Power Cable to Battery 20 foot, 20 amp

RKN4136
Ignition Sense Cable

MOBILE ANTENNAS

WIDE AREA THROUGH-HOLE MOUNT ANTENNAS

These through-hole mount antennas are designed to direct the signal more towards the horizon, making them ideal for applications in more geographically flat regions where signal coverage is sparse and must cover a larger area.

UHF

HAE4010
406-420 MHz, 3.5dB Gain
HAE4011
450-470 MHz, 3.5dB Gain
HAE4012
470-494 MHz, 3.5dB Gain
HAE4013
494-512 MHz, 3.5dB Gain

RAE4004
445-470 MHz, 5dB Gain

800/900 MHZ

RAE4163ARB
410-430 MHz, Stubby
RAE4164ARB
430-450 MHz, Stubby
RAE4168ARB
450-470 MHz, Stubby
RAE4166ARB
470-490 MHz, Stubby

HAF4026
806-941 MHz, 3dB Gain

HAF4013
806-941 MHz, Stubby

HAF4027
806-941 MHz, 5dB Gain

URBAN THROUGH-HOLE MOUNT ANTENNAS

The signals for these through-hole mount antennas radiate vertically, making them ideal for urban environments where buildings can obstruct the signal.

UHF

HAE4002
403-430 MHz, 1/4 Wave
HAE4003
450-470 MHz, 1/4 Wave
HAE4004
470-527 MHz, 1/4 Wave

VHF

HAD4006
136-144 MHz, 1/4 Wave
HAD4007
146-150.8 MHz, 1/4 Wave
HAD4008
150.8-162 MHz, 1/4 Wave
HAD4009
162-174 MHz, 1/4 Wave

800/900 MHZ

HAF4025
806-941 MHz, 1/4 Wave

GPS ACTIVE ANTENNAS

The following antennas are intended for users who have existing mobile antennas and need to add GPS capability.

PMAN4000
Fixed Mount GPS Active Antenna. Discreet stand-alone GPS antenna has a semi-permanent mount easily assembled with minimal tools to vehicle roof or trunk.

PMAN4001
Glass Mount GPS Active Antenna

PMAN4002
Magnetic Mount GPS Active Antenna. Discreet stand-alone GPS antenna can be mounted either magnetically, via screw or tape to vehicle roof or trunk.

MOBILE ANTENNAS

COMBINATION GPS ANTENNAS

The following through-hole mount antennas combine UHF or VHF and GPS capability. This combination antenna design with Mini U connector provides GPS tracking coverage and voice/data wireless capabilities for fleet monitoring or tracking applications.

COMBINATION GPS/UHF

PMAE4030
GPS/UHF - 403-430 MHz, 1/4 Wave
PMAE4032
GPS/UHF - 406-420 MHz, 3.5dB Gain
PMAE4031
GPS/UHF - 450-470 MHz, 1/4 Wave
PMAE4033[1]
GPS/UHF - 450-470 MHz, 3.5dB Gain
PMAE4034
GPS/UHF - 450-470 MHz, 5dB Gain

HAE6019
GPS/UHF - 403-527 MHz, 2dB Gain
HAE6020
GPS/UHF - 470-527 MHz, 1/4 Wave
HAE6024
GPS/UHF - 470-494 MHz, 3.5dB Gain
HAE6026
GPS/UHF - 494-512 MHz, 3.5dB Gain

COMBINATION GPS/VHF

RAD4214
GPS/VHF - 136-144 MHz, 1⁄4 Wave
RAD4215
GPS/VHF - 146-150.8 MHz, 1/4 Wave
RAD4216
GPS/VHF - 150.8-162 MHz, 1⁄4 Wave
RAD4217
GPS/VHF - 162-174 MHz, 1⁄4 Wave
RAD4218
GPS/VHF - 146-172 MHz, 3dB Gain

COMBINATION GPS/800/900 MHZ

HAF4029
GPS/800/900 MHz - 806-941 MHz, 1/4 Wave
HAF4030
GPS/800/900 MHz - 806-941 MHz, 3dB Gain
HAF4032
GPS/800/900 MHz - 806-941 MHz, Stubby
HAF4033
GPS/800/900 MHz - 806-941 MHz, 5dB Gain

REPEATER ACCESSORIES

DUPLEXERS

HFD8188
VHF - Untuned Duplexer, 144-155 MHz
HFD8189
VHF - Untuned Duplexer, 155-162 MHz
HFD8190
VHF - Untuned Duplexer, 162-174 MHz
HFD8465
VHF - Tuned Duplexer, 150-160 MHz

HFE8400
UHF - Untuned Duplexer, 406-450 MHz
RFE4000
UHF - Untuned Duplexer, 450-470 MHz
TDE7780
UHF - Tuned Duplexer, 450-470 MHz
HFE8401
UHF - Untuned Duplexer 470-490 MHz

HFE8454
UHF - Untuned Duplexer 490-512 MHz
DSTRBO650WDUPLXR
800/900 MHz Untuned Duplexer 806-941 MHz

DUPLEXER ACCESSORIES

0112004B04
N Type Male to N Type Male Duplexer Cable - 24 Inch
0112004U04
N Type Male to BNC Male Duplexer Cable - 24 Inch
3082081X01
Right angle N-type male to straight n-type male 30" cable to connect 100W power amplifier to external duplexer or preselector

PMLE4548
Rack-Mount Duplexer/Filter Enclosure Kit

UNTUNED DUPLEXERS

For use with 100 Watt power amplifiers.

0185417U01
VHF Duplexer, 132-146 MHz
(5 MHz separation RX or TX) - 110W
0185417U02
VHF Duplexer, 144-160 MHz
(5 MHz separation RX or TX) - 110W
0185417U03
VHF Duplexer, 158-174 MHz
(5 MHz separation RX or TX) - 110W
0185417U04
UHF Duplexer, 403-440 MHz
(5 MHz separation RX or TX) - 110W
0185417U05
UHF Duplexer, 435-470 MHz
(5 MHz separation RX or TX) - 110W
0185417U06
UHF Duplexer, 470-490 MHz
(5 MHz separation RX or TX) - 110W
0185417U07
UHF Duplexer, 490-512 MHz
(5 MHz separation RX or TX) - 110W

[1] Antenna not ideal for roof-mounted use.

REPEATER ACCESSORIES

ANTENNAS

RDE4556
UHF - 3.8dB Gain Antenna

RDD4527
VHF - 136-144 MHz 1⁄4 Wave Antenna

RDE4555
UHF - 3.8dB Gain Antenna, 470-488 MHz

RDE4557
UHF – 3.8dB Gain Antenna, 403-420 MHz

DSTRBO800ANTSC420
800 MHz – 7.5dB Gain Antenna, 806-869 MHz

DSTRBO900ANTSC420
900 MHz – 7.5dB Gain Antenna, 896-941 MHz

CIRCULATOR

HFF4003
810-960 MHz Circulator, 18 dB min insulation, 100W max power handling

PRESELECTOR

HFE8459
UHF Preselector, 440-474 MHz

HFD8461
VHF Preselector, 144-160 MHz

HFD8462
VHF Preselector, 160-174 MHz

HFE8460
UHF Preselector, 474-527 MHz

DSTRBO350WPRESEL
800/900 MHz Preselector, 806-960 MHz

100 WATT POWER AMPLIFIERS

DSP1020MOVC5
P10 Series Amplifier, 136-174 MHz, 20-50W Input, 100W Output

DSP1020MOUC5
P10 Series Amplifier, 406-512 MHz, 20-50W Input, 100W Output

DSP1515MOJKC6
P15 Series Amplifier, 764-870 MHz, 15-25W Input, 150W Output

DSP1520MOJKC6
P15 Series Amplifier, 764-870 MHz, 20-50W Input, 150W Output

DSP1515MOLC6
P15 Series Amplifier, 928-942 MHz, 15-25W Input, 150W Output

DSP1520MOLC6
P15 Series Amplifier, 928-942 MHz, 20-50W Input, 150W Output

R1684 RM60M
Astron Power Supply, 50A Continuous, 55A ICS

R1685 RM50M
Astron Power Supply, 37A Continuous, 50A ICS

RDN9900
DPS-30 Duracomm, Filtered Power Supply, 30A Max

The following 100W Amplifiers include an integrated 110W Power Supply

DSP1020MOVPS
P10 Series, C5 Amplifier, 136-174 MHz, 20-50W Input, 100W Output

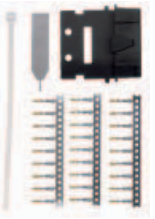
DSP1020MOUPS
P10 Series, C5 Amplifier, 406-512 MHz, 20-50W Input, 100W Output

DSP1020MOJKPS
P10 Series, C5 Amplifier, 764-870 MHz, 20-50W Input, 80W Output

DSP1020MOLPS
P10 Series, C5 Amplifier, 928-942 MHz, 20-50W Input, 75W Output

MOUNTING

PMLE4476
Wall Mount Kit for XPR 8300



PMLN5072
Hardware Kit for Rear Accessory Connector

HKN9088
Mobile Mini U Antenna Adapter with 8 Foot Cable

REPEATER ACCESSORIES

LIGHTNING PROTECTION ACCESSORIES

RRX4025
Lightning Arrestor

RRX4032
Tower Mounting Hardware

RRX4038
Surge Suppressor

MISCELLANEOUS

RKN4152
Battery Back-up Cable

3087791G01
120V AC Line Cord

PMKN4010
Mobile and Repeater Rear Accessory Programming Cable

PMKN4016
Mobile and Repeater Rear Programming, Test and Alignment Cable

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